

19991106.ba v02_n721.bam.991106

>From ???@??? Sat Nov 06 12:59:55 1999
Message-Id: <199911061739.dA6Hdv120676@sco.theporch.com>
Date: Sat, 6 Nov 1999 11:38:48 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 2721

BOATANCHORS Digest 2721

Topics covered in this issue include:

- 1) WTB HP 560 Plug-ins
by Bob Login <jlogin@mindspring.com>
- 2) RE: pre-war "Trav-Ler" radio
by Bob Roehrig <broehrig@admin.aurora.edu>
- 3) Re: pre-war "Trav-Ler" radio
by FRANKK6NL@aol.com
- 4) Sick transits
by "Andrew Emmerson" <midshires@cix.co.uk>
- 5) Re: TCU CG-20122
by William Donzelli <aw288@osfn.org>
- 6) RE: sweep generators
by Richard Loken <richardlo@devax.admin.athabascau.ca>
- 7) WTB TEKTRONICS T932A MANUAL
by w5sqe@iname.com
- 8) re: shack cleaning
by lurch <lurch@theramp.net>
- 9) HP Manuals.
by John Foster <j.foster@microbio.usyd.edu.au>
- 10) Another o'scope
by "Robert Nickels" <ranickel@mwci.net>
- 11) Re: Another o'scope
by Edward Zeranski <ezeran@concentric.net>
- 12) Re: Another o'scope
by Henry van Cleef <vancleef@netcom.com>
- 13) Re: Trav-Ler model 53, Rider info
by Richard Post <post@ouvaxa.cats.ohiou.edu>
- 14) FS VT4-C
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 15) Re: Trav-Ler Radio
by Jderm740@aol.com
- 16) tubes available
by "Paul Bernhard Sr." <w2tu@email.msn.com>
- 17) ADMINISTRIVIA: Using The Archives
by listown@jackatak.theporch.com (Mail List Owner)
- 18) ARC-5 tuning knobs

- by "Osterwald, Ray" <t4504@psco.com>
- 19) 2-150D, star washers, PP Hartley drift, parts needed, hamfest, etc.
by "Bob Duckworth" <wb4mnf@atl.org>
 - 20) HP Type A Signal Generator
by "ALLEN, JIM (HP-Cupertino, ex1)" <jim_allen@agilent.com>
 - 21) Source for Manuals
by "Bob Reynolds" <breynold@sigg.com>
 - 22) REALRADIO Program #1 Airs Again Tonight
by Michael Crestohl <mc@sover.net>
 - 23) Solid State Vibrator Status
by "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
 - 24) Here is a tuff one
by "Jim Reynolds" <ki6up@earthlink.net>
 - 25) Re: Solid State Vibrator Status
by Arden Allen <gumbear@pacbell.net>

Message-Id: <3.0.1.32.19991104094319.0089fd30@pop.mindspring.com>
Date: Thu, 04 Nov 1999 09:43:19 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Bob Login <jlogin@mindspring.com>
Subject: WTB HP 560 Plug-ins
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi --Anyone interested in selling plugins like 2A60, 2A61,3A1,3A6, 3A5,
3A7, 3A75,3A8
3B1-5. Please let me knw...Tnx & 73's Bob, AA8A

Date: Thu, 4 Nov 1999 09:00:21 -0600 (CST)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: pre-war "Trav-Ler" radio
Message-ID: <Pine.OSF.3.96.991104085933.27075A-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 4 Nov 1999, Katz, Gene S wrote:

> No, Airline was the Ward's brand name, although Airline was produced by
> different manufacturers at different times for Ward under contract.

Oh yeah - you're right. Thought Travler was a store brand - maybe not.

"Nostalgia is a thing of the past"
E-mail: broehrig@admin.aurora.edu or k9eui@arrl.net 73 de Bob, K9EUI

CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-4222

From: FRANKK6NL@aol.com
Message-ID: <0.de423712.25530e33@aol.com>
Date: Thu, 4 Nov 1999 11:28:35 EST
Subject: Re: pre-war "Trav-Ler" radio
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Trav-Ler was one of the several small companies in Chicago manufacturing BC receivers in those days. That tube lineup in the rcvr mentioned would place the rcvr way back in the early thirties. I visited with Travalier (I do not remember the name as hyphenated) often back in 39 and 40 when I was a field engineer for Raytheon. Frank

Message-ID: <075701bf26e2\$6332c800\$671899c2@oemcomputer>
From: "Andrew Emmerson" <midshires@cix.co.uk>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Sick transits
Date: Thu, 4 Nov 1999 12:34:17 -0000
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You should see what has happened to Radio Shack here in Britain. The under-performing chain of stores was taken over by Carphone Warehouse, a cellular dealer, and turned into selling space for phones. They still have handheld scanners and CB radios but other radio communication items and electronic components have had the chop. Base station radios of all kinds were disposed of in a week or so at bargain prices (employees bought most of them, they were so cheap!).

Only the Tandy name survives over the door -- and that for how long? Pity really. Awful as the stores were, it was handy to be able to buy an 82-ohm resistor or a PL-259 at 5.25pm on a Saturday.

Andy.

Date: Thu, 4 Nov 1999 12:00:52 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>

cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: TCU CG-20122
Message-ID: <Pine.SUN.3.91-FP.991104114841.27602B-100000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> CG-20122, a unit of TCM-TCN-TCU

[snip]

> Another tag says "Accepted by the Government 7 8 42"

Cripes! 4 years between the contract signing and delivery? I guess it was those lazy days before all the fun started.

> Another tag says "Restored by Puget Sound Naval Shipyard"

One of my boxes has a tag like this.

> So does anyone know anything about the TCU transmitter?

Basically the TCM/TCN/TCU (the difference being what transmitters were included - one IF and one HF, or both) was a medium powered set designed for small bases, and it also found some use on smaller ships. It comes from a design called the TBR (basically identical from the outside, at least), also from GE. I suspect that the TBR was in contest with the TBW for Marine Corps forward base use, but the TBW won the fight. Apparently the TBR was good enough to go thru a slight redesign, as long as it was kept "inside" (the TBR and TBW were designed to be operated in the field). Thus, the TCM/TCN/TCU was born...

> I refuse to let it be scrapped out and it really needs a new home.

Yes! (raises hand)

William Donzelli
aw288@osfn.org

Date: Thu, 04 Nov 1999 10:01:33 -0600 (MDT)
From: Richard Loken <richardlo@devax.admin.athabascau.ca>
Subject: RE: sweep generators
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Message-id:
<Pine.PMDF.3.95.991104100022.545327764B-100000@devax.admin.athabascau.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

Thank you for your suggestions Mark. I can now add the 8690 and 8620 to my list. I have never heard of either before.

Everybody has heard of the 8601 :)

Richard Loken VE6BSV, Systems Programmer - VMS
Athabasca University
Athabasca, Alberta Canada
** richardlo@admin.athabascau.ca **

From: w5sqe@iname.com
MIME-Version: 1.0
Message-Id: <99110415400580.02361@weba1.iname.net>
Date: Thu, 4 Nov 1999 15:40:05 -0500 (EST)
Content-Type: Text/Plain
Content-Transfer-Encoding: 7bit
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB TEKTRONICS T932A MANUAL

Need original, or good copy of the manual, with schematic. Please advise cost, and reply directly to me at "W5SQE@iname.com". Will use to trouble-shoot my boatanchors.

Regards,
Jim Tolar

Get free personalized email at <http://www.iname.com>

Message-ID: <38222FF1.FB3E37F6@theramp.net>
Date: Thu, 04 Nov 1999 19:16:33 -0600
From: lurch <lurch@theramp.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: re: shack cleaning
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

the viking 2 chassis is spoken for.

Date: Fri, 5 Nov 1999 12:56:34 +1100
Message-Id: <199911050156.MAA31604@louis.microbio.usyd.edu.au>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To: Old Tube Radios <boatanchors@theporch.com>
From: John Foster <j.foster@microbio.usyd.edu.au>
Subject: HP Manuals.

Howdy BA Folk:

Does anybody know the difference between the HP 608C and 608D sig. genes? I have a C model, for which I would like to acquire a manual, but have only been offered ones for the D.

Alternately, has anyone got a 608C manual they would part with for a small consideration?

regards: John foster.

Message-ID: <03ec01bf2739\$377cad00\$d00ccfd1@default>
From: "Robert Nickels" <ranickel@mwci.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Another o'scope
Date: Thu, 4 Nov 1999 20:51:41 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A fellow has a Tek model 532-S7 o'scope with CA plug in module - and after reading some of the recent comments about older scopes, I'm kind of interested in it. Any estimates of what it's worth?

Thanks and 73,
Bob W9RAN

Message-Id: <3.0.1.32.19991104192449.009672e0@pop3.concentric.net>
Date: Thu, 04 Nov 1999 19:24:49 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Edward Zeranski <ezeran@concentric.net>
Subject: Re: Another o'scope
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Robert,

Neat old o'scope stuff in the past week or so! I've used most of the Tekes mentioned at one time or another over the past 35 years and want to pass along a heads-up on units to watch for as companies renew making things available in the used market.

The garage/shop/wallow has an HP-180B (\$50 rebuilt to spec w/probes from W6DXJ) as gen'l purpose o'scope but prefer Tek for scopes, HP for spec analyzers. The series I liked for field and trouble shooting in the kinda recent past was TEK 2465 and 2467/2467B. No tubes, sorry, but fast write rate and now coming on the used mkt. A primo tool for chasing analog clock probs etc. so it is a butt kicker on this old tube equipment.

Good luck and Happy BoatAnchoring!

From: Henry van Cleef <vancleef@netcom.com>
Message-Id: <199911050451.UAA26842@netcom.com>
Subject: Re: Another o'scope
To: Old Tube Radios <boatanchors@theporch.com>
Date: Thu, 4 Nov 1999 21:51:10 -0700 (MST)
Cc: boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

As Robert Nickels discourses

>

> A fellow has a Tek model 532-S7 o'scope with CA plug in module - and after
> reading some of the recent comments about older scopes, I'm kind of
> interested in it. Any estimates of what it's worth?

>

532 has a different vertical amplifier than other 530-series scopes. It has only 5 mhz bandwidth. This was the real "plain jane" of this series, and was discontinued in 1961. Older versions had selenium rectifiers, which should be avoided. For reference, the 531 is the same scope with 10 mhz, and the 531A has a great many improvements as well as 15 mhz bandpass. 533 and 533A have an extended sweep magnifier (100X instead of 5X) and 535/535A have dual time bases and delaying sweep. 536 has 10 mhz amplifiers in both vertical and horizontal, uses two letter-series plug-ins, and is intended for lissajous figure work, although it will work as a conventional scope if you can find a T (time base) plug-in.

I generally don't say much about either the 532 or 536. If you are going to live within the bandpass limits of the 530 series, and do RF work, the 533A is the model to choose (and is what I have as a general-purpose bench scope).

Hard to give any "value" to these old scopes. A clean/working/calibrated (by someone who knows scopes) 533A with a CA and a K is at best a \$50 proposition these days, which is not very much for a piece of equipment that cost about \$1500 with these two plug-ins in the early sixties.

Basically, if you are looking at a working 532 and CA, and it has silicon rectifiers (either original or one of the Tek upgrade kits installed), it's worth what you are willing to pay for it. But it's a pretty basic scope with a much lower performance CRT than the other 530 series (no post-deflection acceleration).

--

=====
Hank van Cleef
=====

Message-Id: <v03007800b4489275be10@[132.235.46.14]>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"
Date: Fri, 5 Nov 1999 09:06:40 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <post@ouvaxa.cats.ohiou.edu>
Subject: Re: Trav-Ler model 53, Rider info
Cc: Peter McCollum <saipan59@juno.com>

Pete,

Model 53 has a very simple schematic in Rider Volume 6, Trav-ler page 2. The schematic is initialled and dated 8-35. The same page also has model 54 which is the 6 volt battery version, substituting a type 84 rectifier and a vibrator, probably for farm use.

Rich

Boatanchor Pix website - KB8TAD

<fontfamily><param>Courier</param><http://oak.cats.ohiou.edu/~postr/bapix/>
</fontfamily>

>That Trav-Ler radio I asked about earlier today is a model 53.

>Tubes are: 6D6, 6A7, 80, 76, 42.

>

>Pete

>

Message-ID: <000001bf27a9\$cc6fd2a0\$1f00a8c0@ro>
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS VT4-C
Date: Fri, 5 Nov 1999 17:03:49 +0100
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0056_01BF27AF.BAC69600"

This is a multi-part message in MIME format.

-----=_NextPart_000_0056_01BF27AF.BAC69600
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Single VT4C made by General Electric. Filament checks OK.
20 dlrs + shipping

73 Rag LA5HE

-----=_NextPart_000_0056_01BF27AF.BAC69600
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0056_01BF27AF.BAC69600--

From: Jderm740@aol.com
Message-ID: <0.6a56f446.25546331@aol.com>
Date: Fri, 5 Nov 1999 11:43:29 EST
Subject: Re: Trav-Ler Radio
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Pete

The schematic first appears in Riders # 6, copyright 1935. There were two in that series. A # 53 and a # 54. 53 was AC operated and 54 ran off a 6 volt battery via a vibrator supply. A quick glance at the schematics seems to show them both the same except for the power source.

Hope this helps

Jack McDermott Jderm740@aol.com

Message-ID: <001a01bf27ad\$78e719a0\$debb0a3f@default>
From: "Paul Bernhard Sr." <w2tu@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: tubes available
Date: Fri, 5 Nov 1999 11:47:38 -0500

My fellow apprentice instructor (a retired sand state EE/designer) is cleaning out his former workshop. His hobby was repairing radios and TV's back in the early days. He has approximately 173 tubes of various types and some sound exotic. I'm not a collector so I don't know what they are. Some of the types are 26,27,45 80,83,UX227,UX226,304TL and some nuvistors e.g. 2EG4,6DS4 etc. And many others. These are not in boxes but most have been tested. My partner is very Computer literate but not inclined to be on line.

I have the complete list as an attachment in either Lotus 1,2,3 or Excell. Drop mne a e-mail and if your interested I can send you the list. I think he would like to unload all at once but I'm sure he is flexible.
Thanks for the bandwidth.

Paul B. W2TU

w2tu@email.msn.com

Message-Id: <199911051715.dA5HF2127312@jackatak.theporch.com>
From: listtown@jackatak.theporch.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Using The Archives
Date: Fri, 5 Nov 99 11:15:02 CST

Gang-

!!!THIS INFORMATION HAS CHANGED!!!!

!!!SAVE THIS FILE FOR FUTURE REFERENCE!!!!!!

This periodic post is designed to help everyone gain more value from their boatanchors subscription.

Often I receive an email request, or I read on the list, of someone who is aware there is an archive available with some special files with special information that is of a more permanent nature than a post to the list, but who is unaware of how to retrieve these gems.

In the archives, there are cross-reference tables for Tubes, Military Equipment Nomenclature, suggestions for restorations and modifications to our beloved fire bottle rigs, and some wonderful stories of real adventures and the people involved.

These files may be accessed by the Web... quickly and easily.
These files can also be accessed by email.

For WWW access:

- go to <http://www.theporch.com>
- select "ListProc Web Interface"
- on your first time there, click "Register For Full Account"
- follow the instructions, and BE SURE you use the email address that you have your BoatAnchors mail addressed to -- this interface will work ONLY for members of the list!

Once registered, you can:

- search the archives of previous posts (so far we haven't loaded all the previous posts online, but that is in the works;
- download the index of files;
- retrieve individual files
- manage your subscription via the web interface

AWESOME!

For email access:

Step One:

- send an email (leave the subject blank, or, if your mailer requires a subject, type a single character, like "a" in the subject box) to:

listproc@sco.theporch.com

Step Two:

- in the body type:
index boatanchors

NOTE: The index *includes* all the previous articles now available through the web interface, so the index is HUGE and difficult

to search -- the web interface is much easier.

Step Three:

after checking out the index for files of interest, and finding
the one or more you want to have sent to you, send another
email to:

listproc@sco.theporch.com

and, in the body, type:
get boatanchors file.name

where you substitute the name of the file from the index
for "file.name"

This should get you off to a good start. If you encounter any problems,
please let me know at the address below.

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Fri Nov 5 11:15:01 CST 1999

Message-ID: <4BDCB15B278AD211A7CF0060943F45DB155A90@exchsrv1.pscsco.com>
From: "Osterwald, Ray" <t4504@psco.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ARC-5 tuning knobs
Date: Fri, 5 Nov 1999 12:49:58 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"
Content-Transfer-Encoding: quoted-printable

I have six command set receiver tuning knobs for sale. They don't =
have
original knobs, but they are complete with the threaded aluminum collar =
and
the brass female spline adapter. The spline adapter has a 1/8 inch =
shaft.

Price is \$10.00 each.

73

Ray, N0DMS

Message-Id: <199911052110.QAA16093@hat-trick.atl.org>
From: "Bob Duckworth" <wb4mnf@atl.org>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: 2-150D, star washers, PP Hartley drift, parts needed, hamfest, etc.
Date: Fri, 5 Nov 1999 16:05:05 -0000

Application of inner vs outer has me befuddled. What to use where
and when will the split suffice instead?

And what about that 2-150D and why does a PPHartley drift when heavily
loaded. (ongoing discussion on GB reflector).

I can use a fil tranny good for a pair of 100TH and a couple of hefty
RF chokes, say 0.5A and 2.5mh for the anodes. If anyone has, I'll
be at the Alford/Stone Mountain/Lawrenceville hamfest tomorrow
until about 1PM in a dirty white Ford panel Van with a KWM2 and some
computer debris.

Jack, if you're reading, I've a crumpled old small president for my dues
that
has your name on it and will be at the hamfest.

-bob
wb4mnf

Message-ID: <87FB8F5CE210D311B60500A0C9F4871C2A375A@xcup01.cup.hp.com>
From: "ALLEN, JIM (HP-Cupertino, ex1)" <jim_allen@agilent.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HP Type A Signal Generator
Date: Fri, 5 Nov 1999 14:33:17 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Anyone know anything about a signal generator made by HP in the early 40's
that
had the designation of Type A? Any info or a source for a picture would be
greatly appreciated.

Regards,

Jim

NU6AM

Message-Id: <99Nov5.163707cst.155010@firewall.sigg.com>
Date: Fri, 5 Nov 1999 16:28:17 -0600
From: "Bob Reynolds" <breynold@sigg.com>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Source for Manuals
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline

I picked up an S-38-B at a local hamfest, without the manual as usual. =
I fired of a request to Walt, K1RTS for a copy. The copy arrived with the =
HI-QUAITY copy as was the SB-34 I got from him. This one was in a a soft =
binder for protection. If you need a manual, you might try Walt at =
"INFOTRONIX@JUNO.COM".=20

=20

I am not financially connected with him, just a multi-satisfied =
customer.

&3, Red K5VOL

Message-Id: <4.2.0.58.19991106050358.00b2c7f0@mail.sover.net>
Date: Sat, 06 Nov 1999 05:11:16 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Michael Crestohl <mc@sover.net>
Subject: REALRADIO Program #1 Airs Again Tonight
Cc: collins@listserv.tempe.gov
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Due to the numerous requests we have received the first two RealRadio
programs will be re-broadcast.

Tonight, Saturday November 6th 7:30PM EST (Sunday November 7th, 0030Z)
RealRadio Program #1 will be broadcast.

Next Saturday November 13th 6th 7:30PM EST (Sunday November 7th, 0030Z)
RealRadio Program #2 will be broadcast.

Tune your receiver to WBCQ The Planet - 7415 Kilocycles (or 7.415
Megacycles if you prefer) and enjoy!

73,

MrMike W1RC
The TimTron WA1HnyeLLLLLaaaaaaR Henry Nyellar
Cordially,

Michael Crestohl
mc@sover.net

Date: Sat, 6 Nov 1999 10:11:32 -0500
From: "ROBERT W. DOWNS" <RWDowns_WA5CAB@compuserve.com>
Subject: Solid State Vibrator Status
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <199911061011_MC2-8BF8-B79E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Groups,

As promised, I called the people who make the solid state vibrators for AES. The results were totally negative. The owner declined to speak with me, but his assistant said that the owner, Dan, had told him to tell me that they weren't interested in the military vibrator replacement market. The simplest way to explain their attitude =

is to say that these are tube audio people. Their clientele consists primarily of millionaire antique car collectors. Jay Leno was mentioned.

I also asked if they would be willing to sell the "guts" to a subcontractor who could assemble other types of vibrators, and the answer was a flat "No". He also told me that the units are potted, so don't anyone buy one of them from AES hoping to open it up and modify it (as I did). He wouldn't even give me the basing diagram.

If someone is already working on a solution, please contact me. If not, I'm interested in previously published articles on the subject. I have a small quantity of 4-pin vibrators of the type that the AES 4-pin 6-volt SS units were =

made to replace that could furnish building =

materials for a start.

On a vaguely related subject, does anyone =

know of any tubester type construction articles =

that were published which cover converter tubes or any application other than straight triode and pentode amplifiers.

73,
Robert Downs
WA5CAB
Houston

From: "Jim Reynolds" <ki6up@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Here is a tuff one
Date: Sat, 6 Nov 1999 09:23:08 -0600
Message-ID: <000201bf286a\$d4206340\$9c49fc9e@ripcord>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Any one heard of a DSI Instruments model 5600A
Freq counter?
I need schematic and/or manual.

Thanks and 73

KI6UP

Date: Sat, 06 Nov 1999 09:36:43 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: Solid State Vibrator Status
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0FKS00ETIE9MVK@mta3.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Bob;

An interesting tail you tell:

> As promised, I called the people who make the
> solid state vibrators for AES. The results were
> totally negative.

Now you know where the cliché "an audiophooler and his money are soon

separated" comes from!

Considering the number of requests like yours that AES probably hears their ears slam shut if they hear anything that doesn't sound like a quick sale. After all, they have *real* clients to attend too.

I'm making an assumption that one of these solid state vibrators you are referring to is a fairly simple affair. You solder a few fairly inexpensive parts together and drop the assembly in the can and pour molding compound in. Based on my experience that kind of a manufactured part would not be considered profitable unless each individual part was being made in thousand quantities. You wouldn't want to know how much each part would cost otherwise. Economics 1A.

However, reverse engineering one of the vibrators and publishing the design on the Internet, with a parts list and tables of values (toroid winding turns, etc.) for different operating voltages could be a labor of love for the mil gear restoration specialist. It might even be attractive to a kit parts packager garage operation to take on. What have you learned from the unit you took apart, Bob?

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

End of BOATANCHORS Digest 2721
